



DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

May 8, 2012

Mr. Holger Hellwig
Semicoa Corporation
333 McCormick Avenue
Costa Mesa, CA 92626

Dear Mr. Hellwig:

Re: VQ (VQE-12-024375); Group D Test Data Approval, MIL-PRF-19500P, FSC 5961, CAGE 34156;
Control Number: 036227

Qualification of your product is granted based on successful radiation testing of device type JANSR2N2946A to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961 and performance specification sheet /382, Revision J. Qualification is extended to the device types listed below as allowed by paragraph E.4.2.2 of MIL-PRF-19500. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is May 1, 2012.

The qualification lot Thermal Impedance conditions and upper limits are as follows (subject to change after 5 lots with approval from qualifying activity):

Packages	V _{CE}	I _m	I _H	t _H	t _{MD}	Z _{θJX} (Screening)	Z _{θJX} (QCI)
T0-46	10V	10 mA	50 mA	30 msec	100 usec	25°C/W max	26°C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
§R 2N2946A JANKCAR2N2946A	1A	CEJJ	19500-705-03	/382	Same as above

JANKCA is for JANKC level only
§ Includes JANS quality level only

Plant (1): Same as above

This qualification approval is based upon the test report number listed above, test report 19500-2834-10 and your Group D radiation test data of April 12, 2012. Test report number 19500-3543-12 has been assigned to this data, but will not be reflected in the QML. This qualification is subject to the conditions as stated in the SD-6 and DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product.

If you have any questions concerning this letter, please contact Mr. Carl DelloStritto (614) 692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division

